

Assignment 3

Textbook Assignment: "Aircrew Personal Protective Equipment," Pages 4-1 through 4-32.

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| <p>Learning Objective: <i>Maintain, repair, and make authorized modification to flight clothing?</i></p> <hr/> <p>3-1. What is/are the primary function(s) of flight clothing?</p> <ol style="list-style-type: none">1. Protection2. Comfort3. Appearance4. All of the above <p>3-2. What factor decides the difference between protection and comfort?</p> <ol style="list-style-type: none">1. Aircraft design2. Operational condition3. Size of the aircrew member4. Type of material <p>3-3. Material that is used in the manufacture of flight clothing is designed to</p> <ol style="list-style-type: none">1. lengthen service life2. provide comfort3. improve survival chances4. provide a nice appearance <p>3-4. Planned maintenance for flight clothing is performed at what level of maintenance</p> <ol style="list-style-type: none">1. O level2. I level3. Depot level4. The level set forth in the OPNAVINST 4790.2 <p>3-5. Flight clothing maintenance is divided into how many categories?</p> <ol style="list-style-type: none">1. One2. Two3. Three4. Four | <p>3-6. When you clean a helmet. what type of maintenance is being performed?</p> <ol style="list-style-type: none">1. Calendar2. Corrective3. Phase4. Preventive <p>3-7. Who schedules preventive maintenance for all aircrew Personal protective equipment within a squadron?</p> <ol style="list-style-type: none">1. Maintenance/material control officer2. Production control officer3. Shop chief4. Quality assurance <p>3-8. What is used to make entries on a maintenance document?</p> <ol style="list-style-type: none">1. A blue pen2. A black pen3. A typewriter4. Any of the above <p>3-9. When signing a maintenance document you are required to perform which of the following actions?</p> <ol style="list-style-type: none">1. Print your name2. Use your initials only3. Sign your full name4. Any of the above <p>3-10. What document is used to enter the equipment assigned to an aircrew member?</p> <ol style="list-style-type: none">1. DD 13482. Aircrew Personal Protective History Card3. NAVAIR 13484. Form 4790/2E |
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- 3-11. The Aircrew Personal Protective Equipment History Card is divided into how many sections?
1. One
 2. Two
 3. Three
 4. Four
- 3-12. When you are working with personal protective equipment, which of the following NAVAIR manuals is most helpful?
1. 13-1-6.7
 2. 1-1-6.5
 3. 17-1-6.4
 4. 13-1-6.2
- 3-13. Who is the only authority that can authorize modification to survival equipment?
1. NMPC
 2. OPNAV
 3. COMFAIR
 4. NAVAIRSYSCOM
- 3-14. What field activity has cognizance over most life support and survival equipment?
1. NWC, China Lake, Ca
 2. NAVAIRDEVCON, Warminster, PA
 3. NAEC, Lakehurst, NJ
 4. NAEC, San Diego, CA
- 3-15. The field activity with cognizance over all survival radios and URT-33 emergency beacons is
1. NADEP, Pensacola
 2. NADEP, Jacksonville
 3. NAEC, Lakehurst
 4. NASC, Pensacola
- 3-16. If you are requested to sew a group of patches on a flight jacket, you would be allowed to sew up to how many square inches of patches?
1. 150 square inches
 2. 100 square inches
 3. 50 square inches
 4. There is no limit
- 3-17. The CWU-27/P and CWU-73/P summer flying coveralls are made from an Aramid cloth. This material will not support combustion, but will begin to char at what temperature?
1. 300° to 400°F
 2. 500° to 600°F
 3. 700° to 800°F
 4. 800° to 900°F
- 3-18. The CWU-27/P and CWU-73/P coveralls can be washed and dried in up to which of the following temperatures before damage or shrinkage occurs?
1. 100°F water and 120°F drying temperature
 2. 120°F water and 160°F drying temperature
 3. 110°F water and 140°F drying temperature
 4. 140°F water and 180°F drying temperature
- 3-19. The GS/FRP-2 flyer's gloves are available in how many sizes?
1. 6
 2. 7
 3. 8
 4. 9
- 3-20. After laundering a pair of GS/FRP-2 flyer's gloves, the proper way to remove excess water is to
1. squeeze them out
 2. wring them out
 3. place the gloves in a dryer
 4. drip dry them
- 3-21. Flyer's boots come in which of the following size ranges?
1. 6 regular through 16 wide
 2. 5 1/2 narrow through 15 1/2 narrow
 3. 4 narrow through 14 1/2 extra wide
 4. 5 1/2 wide through 13 regular

3-22. The SV-2B survival vest provides maximum storage for survival equipment. In addition, it provides for integration of which of the following items?

1. A life preserver
2. Anti-g coveralls
3. A chest-mounted oxygen regulator
4. All of the above

Learning Objective: *Identify requirements for wearing anti-exposure suits.*

3-23. Antiexposure suits must be worn in what maximum water temperature?

1. 32°F or below
2. 40°F or below
3. 50°F or below
4. 65°F or below

3-24. What maximum air temperature requires that antiexposure suits be worn?

1. 32°F or below
2. 40°F or below
3. 45°F or below
4. 50°F or below

Learning Objective: *Identify the characteristics of the A/P22P-6(V)2 and A/P22P-6A(V)2 antiexposure assemblies.*

3-25. The A/P22P series antiexposure assemblies are designed to be a

1. quick-donning type
2. continuous wear type
3. both 1 and 2 above

3-26. What is the only difference between the A/P22P-6(V)2 and the A/P22P-6A(V)2 antiexposure assemblies?

1. The type of coveralls
2. The type of material
3. The type of gloves
4. The type of liner

3-27. The antiexposure assemblies should be sized to aircrew members by using their

1. suit size
2. height, weight, and chest measurements
3. chest and height measurements
4. torso measurement.

3-28. The CWU-23/P liner is supplied in how many sizes?

1. 8
2. 10
3. 12
4. 14

3-29. The CWU-62/P antiexposure coverall is supplied in how many sizes?

1. 9
2. 10
3. 11
4. 12

3-30. If neck seal trimming is necessary, trimming increments should not be more than

1. one-eighth inch at a time
2. one-quarter inch at a time
3. one-half inch at a time
4. one inch at a time

3-31. SRU-25/P rubber socks selected based on the aircrew members boot size

1. True
2. False

3-32. When attaching the rubber socks to the antiexposure assembly, how many stitches per inch are used?

1. 2 to 6
2. 3 to 5
3. 5 to 7
4. 8 to 10

Learning Objective: *Maintain, repair, and place anti-g garments into service.*

- 3-33. How many G's can an average aircrew member withstand without the aid of an anti-g garment?
1. 4.5 to 5.5
 2. 6.0 to 7.0
 3. 6.5 to 7.5
 4. 10.0 to 12.0
- 3-34. With a properly fitted anti-g garment, an aircrew member's tolerance to g forces is increased about
1. 1 g
 2. 2 g's
 3. 3 g's
 4. 4 g's
- 3-35. Which of the following g forces would have the most harmful effect on your body?
1. 2 g's for 1 minute
 2. 3 g's for 1 minute
 3. 6 g's for 3 minutes
 4. 12 g's for 1 second
- 3-36. The CSU-15/P anti-g garment is available in how many sizes?
1. 4
 2. 6
 3. 8
 4. 10
- 3-37. A preflight inspection on an anti-g garment is performed by the aircrew member before each flight. The interval between preflight inspections must not exceed how many days?
1. 2
 2. 7
 3. 10
 4. 14
- 3-38. A calendar inspection on the CSU-15/p anti-g garment is performed every
1. 180 days
 2. 91 days
 3. 60 days
 4. 30 days
- 3-39. When performing the leakage test on a CSU-15/P anti-g garment, the bladder is inflated to
1. 2 psi
 2. 3 psi
 3. 4 psi
 4. 5 psi
- 3-40. The anti-g suit bladder being tested should not lose more than how many psi in 30 seconds?
1. 1.0 psig
 2. 2.0 psig
 3. 3.0 psig
 4. 4.0 psig
- 3-41. Anti-g coveralls should be cleaned by
1. machine washing
 2. dry cleaning
 3. hand-washing in cold water
 4. hand-washing in hot water
- 3-42. The proper procedure for drying the anti-g garment is to
1. dry them in direct sunlight
 2. hang them on a wooden hanger in a dry, ventilated area
 3. tumble dry on gentle cycle
 4. wring them dry by hand
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- Learning Objective: *Inspect, maintain, and fit integrated torso harnesses.*
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- 3-43. The MA-2 torso harness integrates the aircrew member's
1. lap belt and seat pan only
 2. parachute harness and lap belt only
 3. parachute harness, lap belt, and shoulder harness
 4. lap belt and shoulder harness only
- 3-44. The MA-2 torso harness is available in how many sizes?
1. 10
 2. 12
 3. 14
 4. 16

- 3-45. Where is the gated D-ring attached to the MA-2 torso harness?
1. Left and right shoulders
 2. Right shoulder
 3. Left shoulder
 4. Cross-connector strap
- 3-46. Which of the following activities would you consult to determine if a custom made torso harness is necessary?
1. AIMD
 2. NETPMSA
 3. NAVAIRDEVCEEN
 4. Physiology unit
- 3-47. When fitting the MA-2 torso harness, the ideal location for the male kock fittings should be
1. in the hollow below the collar bone when the aircrew member is standing
 2. in the hollow below the collar bone when the aircrew member is sitting
 3. in the hollow below the collar bone when the aircrew member is sitting or standing
 4. two inches below the collar bone
- 3-48. How many types of inspections are performed on the MA-2 torso harness?
1. One
 2. Two
 3. Three
 4. Four
- 3-49. The calendar inspection must be done how often?
1. Once a month
 2. Every 210 days
 3. Every 61 days
 4. Each time the aircrew member s personal protective equipment is inspected

- 3-50. What is the service life of the MA-2 torso harness?
1. 12 years from the date placed in service
 2. 10 years from the date placed in service
 3. 15 years from the date placed in service
 4. 12 years from the date of manufacture
- 3-51. Where can you find the placed in Service date on a torso harness?
1. On the left leg strap
 2. On the right leg strap
 3. In the center of the lap belt strap
 4. In the center of the back strap
- 3-52. Which manual would you use to find detailed information on the Ma-2 torso harness?
1. NAVAIR 13-1-6.3
 2. NAVAIR 13-1-6.2
 3. NAVAIR 13-1-6.5
 4. NAVAIR 13-1-6.7
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- Learning Objective: *Inspect, maintain, and fit protective helmets for aircrew members.*
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- 3-53. How many different configurations can be made from the basic PRK-37/p helmet shell?
1. 10
 2. 12
 3. 15
 4. 17
- 3-54. Which of the following helmets is used in the S-3A aircraft?
1. HGU-43/P
 2. HGU-49/P
 3. HGU-46/P
 4. HGU-47(V)3/P
- 3-55. What is the designation of the single lens visor assembly?
1. AVG-8
 2. PRU-36/P
 3. EEK-3/P
 4. EEK-4A/P

3-56. The PRK-37/P helmet shells are available in how many sizes?

1. Three
2. Four
3. Five
4. Six

3-57. Which of the following is recommended to clean the shell and edge roll of a helmet?

1. Ammonia and water
2. Brillo pad
3. Mild detergent and water
4. Canopy polish

3-58. What percentage of a helmet must be covered with reflective tape?

1. 75 percent
2. 80 percent
3. 90 percent
4. 100 percent

3-59. What colors are recommended for use when taping a helmet?

1. Green and red
2. White and red
3. Blue and white
4. White and orange

3-60. The SPH-3C helmet is supplied in how many sizes?

1. Two
2. Three
3. Four
4. Six

3-61. Liners for the SPH-3C helmet are provided in which of the following sizes?

1. 1/4 and 3/4 inch
2. 1/2, 3/8, and 15/16 inch
3. 1/4, 1/2, and 5/8 inch
4. 1/2 and 3/4 inch

3-62. What percentage of visible light is transmitted in the neutral visor of a SPH-3C helmet assembly?

1. 3 to 5 percent
2. 8 to 16 percent
3. 20 to 30 percent
4. 85 percent or greater

3-63. How often are protective helmets subjected to a calendar inspection?

1. Every 210 days
2. Every 180 days
3. Every 120 days
4. Every 90 days

Learning Objective: *Inspect, maintain, and fit the pressure-demand oxygen mask.*

3-64. The MBU-12/P oxygen mask will continue to function at a depth of

1. 10 feet underwater
2. 12 feet underwater
3. 16 feet underwater
4. 20 feet underwater

3-65. How many different configurations can be made from the MBU-12/P oxygen mask?

1. Six
2. Five
3. Four
4. Two

3-66. Which of the following manuals will give complete information on a MBU-12/P oxygen mask configuration buildup?

1. NAVAIR 13-1-6.4
2. NAVAIR 13-1-6.7
3. NAVAIR 00-80T-101
4. NAVAIR 13-1-6.1

3-67. When fitting the mask to an aviator, how far are the bayonet fittings inserted into the receiver assembly?

1. Until it is snug
2. To the first locking position
3. To the third locking position
4. To the second locking position

3-68. After adjusting the straps on the bayonet fittings you should tack them in place with

1. two turns of E thread
2. one turn of E thread
3. two turns of A thread
4. one turn of FF thread

3-69. How often is a calendar inspection conducted on an oxygen mask?

1. 180 days
2. 90 days
3. 30 days
4. 60 days

3-70. The preferred solution for cleaning the oxygen mask is a mixture of 1/4 to 1/2 ounce of cleaning compound added to

1. 1 pint of water
2. 1 gallon of water
3. 2 gallons of water
4. 1 quart of water

3-71. To clean the inhalation/exhalation valve, you should use

1. Clorox and distilled water
2. benzalkonium chloride and distilled water
3. isopropyl alcohol and distilled water
4. either 2 or 3 above